Amendment to the Claims:

This listing of claims shall replace all prior versions and listing of claims in the application.

Listing of claims:

1 (previously presented). An isolated protein comprising amino acid residues 25 to 136 of SEQ ID NO:310.

2 (previously presented). The isolated protein of claim 1 which comprises amino acid residues 2 to 136 of SEQ ID NO:310.

3 (previously presented). The isolated protein of claim 1 which comprises amino acid residues 1 to 136 of SEQ ID NO:310.

4 (previously presented). The protein of claim 1 which comprises a heterologous polypeptide sequence.

5 (previously presented). A composition comprising the protein of claim 1 and a pharmaceutically acceptable carrier.

6 (previously presented). An isolated protein produced by the method comprising:

(a) expressing the protein of claim 1 by a cell; and

(b) recovering said protein.

7 (previously presented). An isolated protein comprising the amino acid sequence of the secreted portion of the polypeptide encoded by the HEMAE80 cDNA contained in ATCC Deposit No. 97975.

8 (previously presented). The isolated protein of claim 7 which comprises the amino acid sequence of the complete polypeptide encoded by the HEMAE80 cDNA contained in ATCC Deposit No. 97975, excepting the N-terminal methionine.

9 (previously presented). The isolated protein of claim 7 which comprises the amino acid sequence of the complete polypeptide encoded by the HEMAE80 cDNA contained in ATCC Deposit No. 97975.

10 (previously presented). The protein of claim 7 which comprises a heterologous polypeptide sequence.

11 (previously presented). A composition comprising the protein of claim 7 and a pharmaceutically acceptable carrier.

12 (previously presented). An isolated protein produced by the method comprising:

(a) expressing the protein of claim 7 by a cell; and

(b) recovering said protein.

13 (currently amended). An isolated protein comprising a polypeptide sequence which is at least 90% identical to amino acid residues 25 to 136 of SEQ ID NO:310, wherein said polypeptide has cell proliferative activity.

14 (previously presented). The isolated protein of claim 13, wherein said polypeptide sequence is at least 95% identical to amino acid residues 25 to 136 of SEQ ID NO:310.

15 (previously presented). The protein of claim 13 which comprises a heterologous polypeptide sequence.

16 (previously presented). A composition comprising the protein of claim 13 and a pharmaceutically acceptable carrier.

17 (previously presented). An isolated protein produced by the method comprising:

(a) expressing the protein of claim 13 by a cell; and

(b) recovering said protein.

18 (currently amended). An isolated protein comprising a polypeptide sequence which is at least 90% identical to amino acid residues 1 to 136 of SEQ ID NO:310, wherein said polypeptide has cell proliferative activity.

19 (previously presented). The isolated protein of claim 18, wherein said polypeptide sequence is at least 95% identical to amino acid residues 1 to 136 of SEQ ID NO:310.

20 (previously presented). The protein of claim 18 which comprises a heterologous polypeptide sequence.

21 (previously presented). A composition comprising the protein of claim 18 and a pharmaceutically acceptable carrier.

22 (previously presented). An isolated protein produced by the method comprising:

(a) expressing the protein of claim 18 by a cell; and

(b) recovering said protein.

23 (currently amended). An isolated protein comprising a polypeptide sequence which is at least 90% identical to the secreted portion of the polypeptide encoded by the HEMAE80 cDNA contained in ATCC Deposit No. 97975, wherein said polypeptide has cell proliferative activity.

24 (previously presented). The isolated protein of claim 23, wherein said polypeptide sequence is at least 95% identical to the secreted portion of the polypeptide encoded by the HEMAE80 cDNA contained in ATCC Deposit No. 97975.

25 (previously presented). The protein of claim 23 which comprises a heterologous polypeptide sequence.

26 (previously presented). A composition comprising the protein of claim 23 and a pharmaceutically acceptable carrier.

27 (previously presented). An isolated protein produced by the method comprising:

(a) expressing the protein of claim 23 by a cell; and

(b) recovering said protein.

28 (currently amended). An isolated protein comprising a polypeptide sequence which is at least 90% identical to the complete polypeptide encoded by the HEMAE80 cDNA contained in ATCC Deposit No. 97975, wherein said polypeptide has cell proliferative activity.

29 (previously presented). The isolated protein of claim 28, wherein said polypeptide sequence is at least 95% identical to the complete polypeptide encoded by the HEMAE80 cDNA contained in ATCC Deposit No. 97975.

30 (previously presented). The protein of claim 28 which comprises a heterologous polypeptide sequence.

31 (previously presented). A composition comprising the protein of claim 28 and a pharmaceutically acceptable carrier.

32 (previously presented). An isolated protein produced by the method comprising:

(a) expressing the protein of claim 28 by a cell; and

(b) recovering said protein.

33 (previously presented). An isolated protein comprising at least 30 contiguous amino acid residues of amino acid residues 25 to 136 of SEQ ID NO:310.

34 (previously presented). The isolated protein of claim 33 which comprises at least 50 contiguous amino acid residues of amino acid residues 25 to 136 of SEQ ID NO:310.

35 (previously presented). The protein of claim 33 which comprises a heterologous polypeptide sequence.

36 (previously presented). A composition comprising the protein of claim 33 and a pharmaceutically acceptable carrier.

37 (previously presented). An isolated protein produced by the method comprising:

(a) expressing the protein of claim 33 by a cell; and

(b) recovering said protein.

38 (previously presented). An isolated protein comprising at least 30 contiguous amino acid residues of the secreted portion of the polypeptide encoded by the HEMAE80 cDNA contained in ATCC Deposit No. 97975.

39 (previously presented). The isolated protein of claim 38 comprising at least 50 contiguous amino acid residues of the secreted portion of the polypeptide encoded by the HEMAE80 cDNA contained in ATCC Deposit No. 97975.

40 (previously presented). The protein of claim 38 which comprises a heterologous polypeptide sequence.

41 (previously presented). A composition comprising the protein of claim 38 and pharmaceutically acceptable carrier.

42 (previously presented). An isolated protein produced by the method comprising:

(a) expressing the protein of claim 38 by a cell; and

(b) recovering said protein.

43 (previously presented). An isolated protein comprising at least 30 contiguous amino acid residues of amino acid residues 1 to 136 of SEQ ID NO:310.

44 (previously presented). The isolated protein of claim 43 comprising at least 50 contiguous amino acid residues of amino acid residues 1 to 136 of SEQ ID NO:310.

45 (previously presented). The protein of claim 43 which comprises a heterologous polypeptide sequence.

46 (previously presented). A composition comprising the protein of claim 43 and a pharmaceutically acceptable carrier.

47 (previously presented). An isolated protein produced by the method comprising:

(a) expressing the protein of claim 43 by a cell; and

(b) recovering said protein.

48 (previously presented). An isolated protein comprising at least 30 contiguous amino acid residues of the complete polypeptide encoded by the HEMAE80 cDNA contained in ATCC Deposit No. 97975.

49 (previously presented). The isolated protein of claim 48 comprising at least 50 contiguous amino acid residues of the complete polypeptide encoded by the HEMAE80 cDNA contained in ATCC Deposit No. 97975.

50 (previously presented). The protein of claim 48 which comprises a heterologous polypeptide sequence.

51 (previously presented). A composition comprising the protein of claim 48 and pharmaceutically acceptable carrier.

52 (previously presented). An isolated protein produced by the method comprising:

(a) expressing the protein of claim 48 by a cell; and

(b) recovering said protein.